

STN TMG

AB Steviosides [I; R1 = α-G, α-G-(1→4)-α-G, α-G-(1→4)-α-G-(1→4)-α-G; R2 = H; G = D-glucopyranosyl] are prepared by enzymic α-1,4-transglycosidation of stevioside (II) with a α-glycosyl compound, e.g. soluble starch, at the terminal 4-position of the 13-O-sophorose residue in the presence of cyclodextrin glucosyltransferase. A transglucosidation product containing ≥70% I has the improved sweetening characteristics compound to those of II.

=> FIL STNGUIDE
COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
1.76	134.95

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE ENTRY	TOTAL SESSION
0.00	-18.25

CA SUBSCRIBER PRICE

FILE 'STNGUIDE' ENTERED AT 09:17:34 ON 15 NOV 2005
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Nov 11, 2005 (20051111/UP).

=> d his

(FILE 'HOME' ENTERED AT 08:49:47 ON 15 NOV 2005)

FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 08:51:07 ON 15 NOV 2005

L1 291842 S ALPHA-GLUCOSYL SUGAR OR STARCH OR DEXTRAN OR CYCLODEXTRAN
L2 173099 S TRANSFERASE OR GLUCOSYLTRANSFERASE OR CYCLODEXTRAN OR GLUCANO
L3 2551 S L1 AND L2
L4 36 S L3 AND STEVIOSIDE
L5 29 DUP REM L4 (7 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 08:55:14 ON 15 NOV 2005

SET NOTICE DISPLAY 1
SET AUHELP OFF
SET SMART OFF
SET MSTEPS OFF
SET EXPAND CONT
SET AUDIT OFF
DEL SEL Y

L6 FILE 'CAPLUS' ENTERED AT 09:08:22 ON 15 NOV 2005
1 S JP 05276883/PN, APPS

FILE 'INPADOC' ENTERED AT 09:08:24 ON 15 NOV 2005

L7 FILE 'CAPLUS' ENTERED AT 09:08:26 ON 15 NOV 2005
TRA L6 1- PN : 2 TERMS

L8 FILE 'INPADOC' ENTERED AT 09:08:27 ON 15 NOV 2005
1 SEA L7
L9 0 S L8 AND US/PC
L10 0 S L8 AND ZA/PC
L11 0 S L8 AND EP/PC AND EN/LA
L12 0 S L8 AND WO/PC AND EN/LA
L13 0 S L8 AND AU/PC
L14 0 S L8 AND CA/PC AND EN/LA

SET AUHELP LOGIN
SET SMART LOGIN
SET MSTEPS LOGIN
SET EXPAND LOGIN
SET AUDIT LOGIN
SET NOTICE LOGIN DISPLAY
L15 2 S L4

FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 09:12:06 ON 15 NOV 2005

FILE 'INPADOC' ENTERED AT 09:12:06 ON 15 NOV 2005

FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 09:14:57 ON 15 NOV 2005

FILE 'INPADOC' ENTERED AT 09:14:58 ON 15 NOV 2005

FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 09:16:29 ON 15 NOV 2005

FILE 'INPADOC' ENTERED AT 09:16:31 ON 15 NOV 2005

FILE 'STNGUIDE' ENTERED AT 09:17:34 ON 15 NOV 2005